

REMAINING CLOSURE ACTIVITIES AT HWMU  
ROTH BROS. SMELTING CORP.  
EAST SYRACUSE, NEW YORK

by

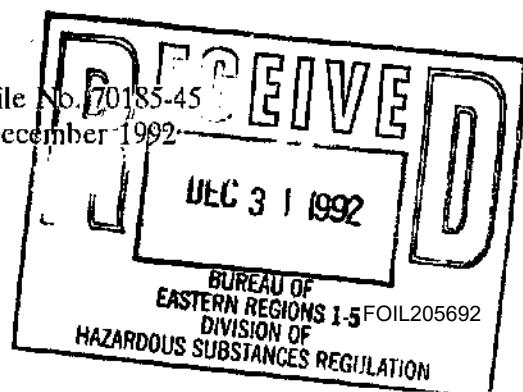
H&A of New York  
Rochester, New York

for

Roth Bros. Smelting Corp.  
East Syracuse, New York



File No. 70185-45  
December 1992



23 December 1992  
File No. 70185-45

New York State Department of  
Environmental Conservation  
Bureau of Eastern Region Hazardous Wastes  
Division of Hazardous Substances Regulation  
50 Wolf Road  
Albany, New York 12233-7252

Attention: John Middlekoop, Director

Subject: Remaining Closure Activities at HWMU  
Roth Bros. Smelting Corp.  
East Syracuse, New York

Gentlemen:

Pursuant to an approved closure plan incorporated in its Part 373 storage permit, Roth Bros. Smelting Corporation in East Syracuse, New York has completed closure of its three permitted hazardous waste storage areas (HWMUs). Initial closure activities were performed in October 1992 and a summary of closure was provided to NYSDEC in a report dated 28 October 1992.

The 28 October 1992 report summarized the final closure activities for the Plant 1 storage area, the Plant 2 copper dust storage area and the eastern portion of the lead dust storage area. This report describes the closure activities recently completed on the western portion of the lead dust storage area.

The activities conducted in October showed asphalt cores from the western two bays of the lead dust storage area to have concentrations of TCLP lead above 5.0 ppm. Roth Bros. personnel reported that the two western bays were paved with asphalt in 1962 and an additional 1± in. of top coat asphalt was put on the area in 1984. In an effort to determine where within the asphalt the high lead concentrations were located, H&A of New York performed additional detailed profile sampling to establish the locations and depth of the lead concentrations in the asphalt and underlying soil to finalize the closure of these two bays.

189 North Water Street  
Rochester, NY 14604  
716/232-7386

Affiliate  
Haley & Aldrich, Inc.  
Cambridge, Massachusetts  
Glastonbury, Connecticut  
Scarborough, Maine  
Bedford, New Hampshire  
FOIL205693

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### PROFILE SAMPLING ACTIVITIES

On 9 November 1992, H&A of New York personnel observed diamond saw cutting and removal of five 16 in. by 16 in. squares of asphalt in the western 2 bays of the lead storage area. The locations were selected based on the results from the October sampling. Cutting and removal was performed by Gibb Webb Construction. H&A personnel then collected profile samples of the asphalt, underlying crusher run at five locations and soil at three locations in the western portion of the lead storage area. The samples are numbered C-201 through C-204, C-206 through C-212, C-214 through C-217 and C-219 through C-221. There are no sample numbers C-205, C-213 and C-218. Profile locations are shown on Figure 1.

Table 1 shows the profile sample numbers, types and depths at each location. The profiles are numbered 1 through 5; the sample numbers within each profile are as follows:

- Profile 1 - Samples C-201 through C-204
- Profile 2 - Samples C-206 through C-208
- Profile 3 - Samples C-209 through C-212
- Profile 4 - Samples C-214 through C-217
- Profile 5 - Samples C-219 through C-221

Samples were submitted to Upstate Laboratories for TCLP lead analyses. The soil samples were also analyzed for total lead, as requested by Thomas John of NYSDEC. A summary of the analytical results is presented below.

### ANALYTICAL SAMPLING RESULTS

Laboratory analytical results for the profile sampling activities are summarized on Table I and discussed below. The laboratory analytical report is provided in Appendix A.

In summary:

- o The analytical results indicate the TCLP lead is greater than 5.0 ppm within the top portions of the asphalt, up to approximately 3.5 in. in depth below the asphalt surface.
- o Samples collected from the base of the asphalt, samples collected from within the cold patch/crusher run (below the asphalt), and soils collected from the soil (below the cold patch/crusher run) had concentrations below 5.0 mg/l for TCLP lead.
- o Total lead concentrations ranged from 20 to 290 ppm in soils collected below the asphalt and crusher run material.

### ASPHALT REMOVAL

High TCLP lead concentrations appeared to be confined to the upper portion of the asphalt in the lead storage area. Elizabeth Henderson of H&A of New York discussed the results and a removal approach with John Menchella of Roth Bros. and Thomas John of NYSDEC on 24 November 1992. It was agreed that the asphalt would be removed for offsite disposal.

On 30 November 1992, H&A of New York personnel observed the removal of the asphalt (down to the underlying crusher run) in the two western bays of the HWMU lead storage area. Removal was conducted by Gibb Webb Construction. The asphalt was collected in a roll off for off-site disposal. A copy of H&A's Daily Field Report describing the asphalt removal activities for the closure is included in Appendix B. Following the removal of the asphalt, Gibb Webb Construction tamped down the area, and wire mesh was placed over the soil in preparation for pouring of a new concrete pad. Upon pad completion, Roth Bros. intends to return this area to use for <90 day hazardous waste storage under Generator status.

### SUMMARY

Closure activities for the remaining area within the lead storage area on Plant 2 were recently conducted. The laboratory analytical results indicate TCLP concentrations of lead above 5.0 ppm were present in the upper portion of the asphalt, but not in the base of the asphalt, the underlying cold patch/crusher run or soil in the areas sampled. The entire thickness of the asphalt was removed from the subject 2 bays of the storage area for off-site disposal.

Based upon the activities performed and results of the laboratory analyses, closure of this area has met the requirements of Part 373-2.7. Closure was performed in accordance with the approved closure plan, and the TCLP characteristic waste was removed from the site.



NYSDEC  
23 December 1992  
Page 4

Please do not hesitate to contact us should you have any questions.

Sincerely yours,  
H&A OF NEW YORK



Elizabeth D. Henderson  
Senior Env. Geologist



Vincent B. Dick  
Senior Env. Geologist

EDH:VBD:gmc  
Ljmidd04.wp

Attachments:

- Table I - Summary of Laboratory Analytical Results
- Figure 1 - Sampling Location Plan
- Appendix A - Laboratory Analytical Results
- Appendix B - Daily Field Reports



CERTIFICATION

H&A of New York observed performance of the remaining closure activities at the Roth Bros. Plant 2 HWMU lead storage area during the period 9 November and 30 November 1992. Activities as described in the approved Part 373 Permit Closure Plan (dated October 1986) for this unit were performed and supplemented as described in this report and in an earlier report titled "Summary of HWMU Closure Activities," dated 28 October 1992 by H&A of New York. H&A of New York states that the closure for the western portion of the lead storage area on Plant 2 has been performed in accordance with the approved closure plan.

I state that I have personally examined and am familiar with the information in this Report. Based upon my knowledge and inquiry of those individuals responsible for obtaining the information presented, the forgoing information is true, accurate and complete based upon the scope of work performed.



Lawrence P. Smith, P.E.  
Partner

## Tables

TABLE I  
PROFILE SUMMARY  
ROTH BROS. HWMU CLOSURE

Profile No.	Sample No.	Matrix	Depth (inches)	TCLP Lead (mg/l)	Total Lead (ppm)
1	C-201	Asphalt	0-0.5	68	NA
	C-202	Asphalt	3.0-4.0	15	NA
	C-203	Cold Patch & Crusher Run	4.0-5.0	0.2	NA
	C-204	Soil	7.0-12.0	ND	20
2	C-206	Asphalt	0-0.5	85	NA
	C-207	Asphalt	2.5-3.5	3.8	NA
	C-208	Cold Patch & Crusher Run	4.0-5.5	0.2	NA
3	C-209	Asphalt	0-0.75	11	NA
	C-210	Asphalt	1.5-2.5	2.2	NA
	C-211	Cold Patch & Crusher Run	2.5-4.0	4.7	NA
	C-212	Soil	5.0-9.0	0.7	230
4	C-214	Asphalt	0-0.5	51	NA
	C-215	Asphalt	3.0-3.75	0.7	NA
	C-216	Cold Patch & Crusher Run	5.0-6.5	0.1	NA
	C-217	Soil	8.0-12.0	0.3	290
5	C-219	Asphalt	0-0.5	97	NA
	C-220	Asphalt	3.0-3.5	19	NA
	C-221	Cold Patch & Crusher Run	5.0-6.5	0.1	NA

Notes:

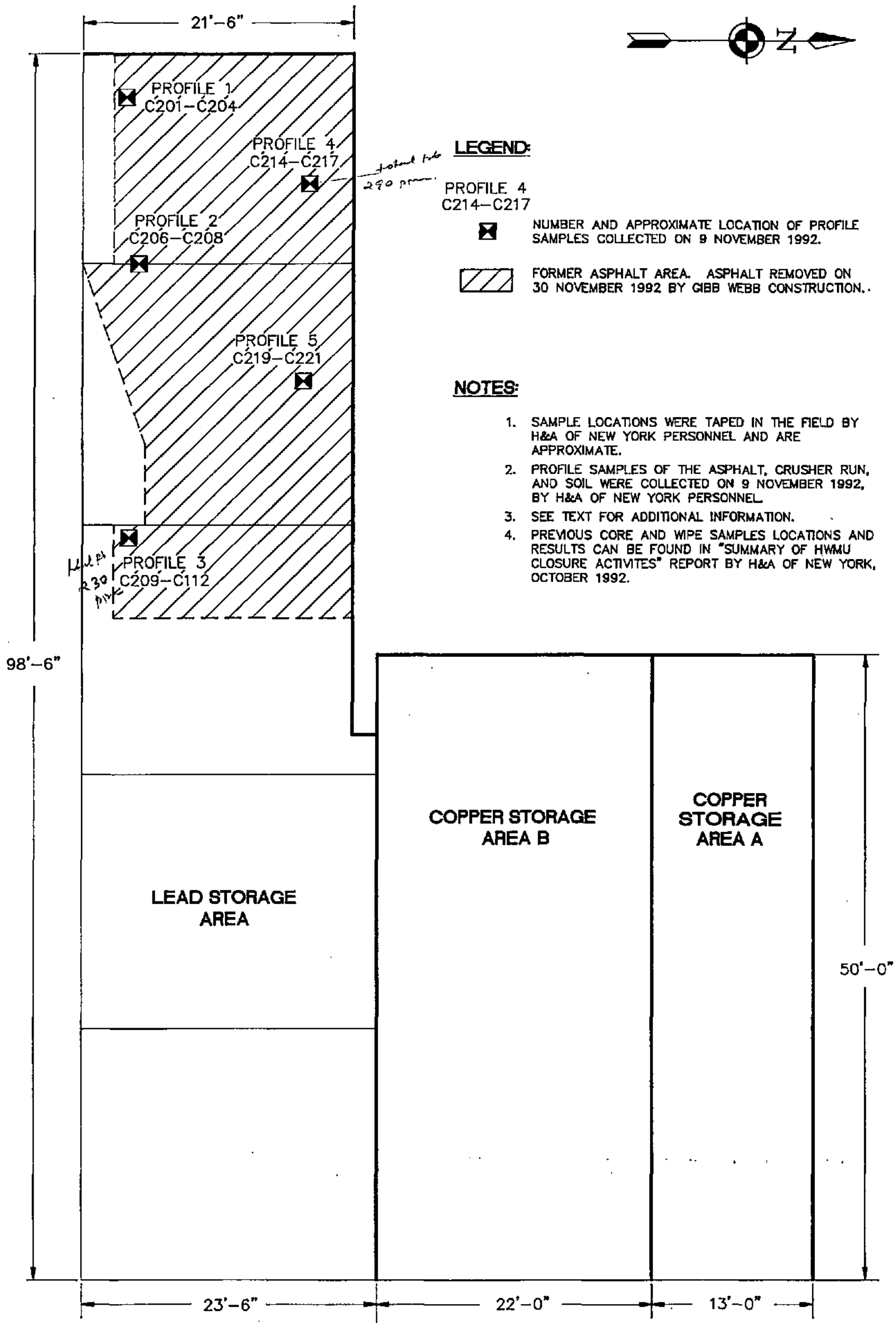
1. NA = Not Analyzed.
2. Samples were collected on 9 November 1992 by H&A of New York personnel.
3. Analyses were performed by Upstate Laboratories. Analytical reports are provided in Appendix A.
4. TCLP = Toxicity Characteristic Leaching Procedure.

VBD:gmc  
70185-45\table1.wp

FILE NO.



## Figures



PLAN VIEW - PLANT 2  
LEAD AND COPPER STORAGE AREAS

**H & A OF NEW YORK**  
Geotechnical Engineers & Environmental Consultants

ROTH BROS. SMELTING CORP.  
EAST SYRACUSE, NEW YORK

**PROFILE LOCATIONS  
PLANT 2 STORAGE AREA**

SCALE: 1 IN. = 100 IN.      DECEMBER 1992

Appendix A

Appendix A

APPENDIX A  
Laboratory Analytical Results



# Upstate Laboratories inc.

Shipping: 6034 Corporate Drive • East Syracuse, New York 13057 • (315) 437-0255

Mailing: Box 289 • Syracuse, New York 13205

Southern Region (607) 724-0478

Western Region (716) 436-9070

Eastern Region (518) 459-3134

November 23, 1992

RECEIVED

NOV 24 1992

H & A OF NEW YORK

Mr. John Menchella  
Roth Bros. Smelting Corp.  
6223 Thompson Rd.  
E. Syracuse, NY 13057

Re: Analysis Report #112392042 - Roth Bros Smelting Corp

Dear Mr. Menchella:

Please find enclosed the results for your samples which were received on November 9, 1992.

We have included the Chain of Custody Record as part of your report. You may need to reference this form for a more detailed explanation of your sample.

Should you have any questions, please feel free to give us a call.

Thank you for your patronage.

Sincerely,

UPSTATE LABORATORIES, INC.

*Anthony J. Scala*

Anthony J. Scala  
Director

AJS/lw

Enclosures: report, invoice

cc/encs: N. Scala, ULI  
file

E. Henderson, H&A of New York (copy report)

Note: Faxed results were given to your office on 11/20/92. AJS

Disclaimer: The test results and procedures utilized, and laboratory interpretations of data obtained by ULI as contained in this report are believed by ULI to be accurate and reliable for sample(s) tested. In accepting this report, the customer agrees that the full extent of any and all liability for actual and consequential damages of ULI for the services performed shall be equal to the fee charged to the customer for the services as liquidated damages.

DATE: 11/23/92

Upstate Laboratories, Inc.

Analysis Results

Report Number: 112392042

Client I.D.: ROTH BROS. SMELTING CORP.

APPROVAL: *ap*

QC: *bb*

Lab I.D.: 10170

Sampled by: H & A OF NEW YORK

ID:31492083 Mat:Solid ROTH BROS SMELTING CORP C-201 11/9/92 G

PARAMETERS

RESULTS

KEY

TCLP Lead

68mg/l

ID:31492084 Mat:Solid ROTH BROS SMELTING CORP C-202 11/9/92 G

PARAMETERS

RESULTS

KEY

TCLP Lead

15mg/l

ID:31492085 Mat:Solid ROTH BROS SMELTING CORP C-203 11/9/92 G

PARAMETERS

RESULTS

KEY

TCLP Lead

0.2mg/l

ID:31492086 Mat:Solid ROTH BROS SMELTING CORP C-204 11/9/92 G

PARAMETERS

RESULTS

KEY

TCLP Lead

<0.1mg/l

ID:31492087 Mat:Solid ROTH BROS SMELTING CORP C-206 11/9/92 G

PARAMETERS

RESULTS

KEY

TCLP Lead

85mg/l

ID:31492088 Mat:Solid ROTH BROS SMELTING CORP C-207 11/9/92 G

PARAMETERS

RESULTS

KEY

TCLP Lead

3.8mg/l

ID:31492089 Mat:Solid ROTH BROS SMELTING CORP C-208 11/9/92 G

PARAMETERS

RESULTS

KEY

TCLP Lead

0.2mg/l

All results are on an as rec.d basis unless otherwise stated.

DATE: 11/23/92

Postate Laboratories, Inc.

Analysis Results

Report Number: 112392042

Client I.D.: ROTH BROS. SMELTING CORP.

APPROVAL: *Ag*

QC: *BB*

Lab I.D.: 10170

Sampled by: H & A OF NEW YORK

ID:31492090 Mat:Solid ROTH BROS SMELTING CORP C-209 11/9/92 G

PARAMETERS

RESULTS

KEY

TCLP Lead

11mg/l

ID:31492091 Mat:Solid ROTH BROS SMELTING CORP C-210 11/9/92 G

PARAMETERS

RESULTS

KEY

TCLP Lead

2.2mg/l

ID:31492092 Mat:Solid ROTH BROS SMELTING CORP C-211 11/9/92 G

PARAMETERS

RESULTS

KEY

TCLP Lead

4.7mg/l

ID:31492093 Mat:Solid ROTH BROS SMELTING CORP C-212 11/9/92 G

PARAMETERS

RESULTS

KEY

TCLP Lead

0.7mg/l

ID:31492094 Mat:Solid ROTH BROS SMELTING CORP C-214 11/9/92 G

PARAMETERS

RESULTS

KEY

TCLP Lead

51mg/l

ID:31492095 Mat:Solid ROTH BROS SMELTING CORP C-215 11/9/92 G

PARAMETERS

RESULTS

KEY

TCLP Lead

0.7mg/l

ID:31492096 Mat:Solid ROTH BROS SMELTING CORP C-216 11/9/92 G

PARAMETERS

RESULTS

KEY

TCLP Lead

0.1mg/l

All results are on an as rec.d basis unless otherwise stated.

DATE: 11/23/92

Upstate Laboratories, Inc.

Analysis Results

Report Number: 112392042

Client I.D.: ROTH BROS. SMELTING CORP.

APPROVAL: *Ag*

QC: *BB*

Lab I.D.: 10170

Sampled by: H & A OF NEW YORK

ID: 31492097 Mat: Solid ROTH BROS SMELTING CORP C-217 11/9/92 G

PARAMETERS

RESULTS

KEY

TCLP Lead

0.3mg/l

ID: 31492098 Mat: Solid ROTH BROS SMELTING CORP C-219 11/9/92 G

PARAMETERS

RESULTS

KEY

TCLP Lead

97mg/l

ID: 31492099 Mat: Solid ROTH BROS SMELTING CORP C-220 11/9/92 G

PARAMETERS

RESULTS

KEY

TCLP Lead

19mg/l

ID: 31492100 Mat: Solid ROTH BROS SMELTING CORP C-221 11/9/92 G

PARAMETERS

RESULTS

KEY

TCLP Lead

0.1mg/l

All results are on an as rec.d basis unless otherwise stated.



KEY PAGE

- 1 MATRIX INTERFERENCE PRECLUDES LOWER DETECTION LIMITS
- 2 MATRIX INTERFERENCE
- 3 PRESENT IN BLANK
- 4 INSUFFICIENT SAMPLE
- 5 SAMPLE DILUTED
- 6 BLANK CORRECTED
- 7 HEAD SPACE PRESENT IN SAMPLE
- 8 BDL(BELOW DETECTION LIMITS)
- 9 MDL(METHOD DETECTION LIMITS)
- 10 ADL(AVERAGE DETECTION LIMITS)
- 11 PQL(PRACTICAL QUANTITATION LIMIT)
- 12 SAMPLE ANALYZED OVER HOLDING TIME
- 13 DISSOLVED VALUE MAY BE HIGHER THAN TOTAL DUE TO CONTAMINATION FROM  
THE FILTERING PROCEDURE OR VALUES WITHIN EXPERIMENTAL ERROR
- 14 MG/L / PPB
- 15 MG/L(MILLIGRAMS PER LITER), PPM(PARTS PER MILLION)
- 16 UG/L(MICROGRAMS PER LITER), PPB(PARTS PER BILLION)
- 17 PARAMETER NOT ANALYZED WITHIN 15 MINUTES OF SAMPLING
- 18 MATRIX INTERFERENCE PRECLUDES LOWER DETECTION LIMITS/TOTAL XYLENES  
INCLUDE O, M, AND P
- 19 CALCULATION BASED ON DRY WEIGHT
- 20 SAMPLE DILUTED/TOTAL XYLENES INCLUDE O, M, AND P
- 21 TOTAL XYLENES INCLUDE O, M, AND P/NON-POTABLE WATER SOURCE
- 22 MG/KG AS REC.D / MG/KG DRY WT
- 23 INSUFFICIENT SAMPLE PRECLUDES LOWER DETECTION LIMITS
- 24 SAMPLE DILUTED/BLANK CORRECTED
- 25 ND(NON-DETECTED)
- 26 MATRIX INTERFERENCE PRECLUDES LOWER DETECTION LIMITS/BLANK CORRECTED
- 27 SPIKE RECOVERY ABNORMALLY HIGH/LOW DUE TO MATRIX INTERFERENCE
- 28 FIELD PARAMETER TO BE PROVIDED ON DISC
- 29 TOTAL XYLENES INCLUDE O, M, AND P
- 30 METHOD PERFORMANCE STUDY HAS NOT BEEN COMPLETED/ND(NON-DETECTED)
- 31 FIELD MEASURED PARAMETER TAKEN BY CLIENT
- 32 SAMPLE WEATHERED
- 33 NON-POTABLE WATER SOURCE
- 34 INDIVIDUAL AROCLORS DO NOT CARRY A DETECTION LIMIT BUT ARE INCLUSIVE  
TO THE TOTAL PCB CONTENT
- 35 TOTAL XYLENES INCLUDE O, M, AND P/NON-POTABLE WATER SOURCE/SAMPLE  
DILUTED
- 36 MATRIX INTERFERENCE CAUSING SPIKES TO RESULT IN LESS THAN 50.0% RECOVERY
- 37 MG/L / LBS PER DAY
- 38 MG/LCL2 / LBS PER DAY
- 39 UG/L / LBS PER DAY
- 40 MG/L LAS / LBS/DAY



# ROTH BROS. SMELTING CORP. CHAIN OF CUSTODY RECORD

11/20 per Terry

SAMPLE LOG No. _____	PROJECT NAME & DESCRIPTION <u>Both Bros. Smelting Corp.</u>
SAMPLERS NAME: <u>Margaret J. Corrigan</u> DATE SAMPLED: <u>11/9/92</u>	

SAMPLE No.	DATE	TIME	SAMPLE LOCATION	GRAB	COMP.	SAMPLE TYPE	No. OF CONTAINERS	REMARKS
83	11/9/92		C-201	✓			(1)	TCLP Lead
84	11/9/92		C-202	✓			(1)	"
85	11/9/92		C-203	✓			(1)	"
86	11/9/92		C-204	✓			(1)	"
87	11/9/92		C-206	✓			(1)	"
88	11/9/92		C-207	✓			(1)	"
89	"		C-208	✓			(1)	"
90	"		C-209	✓			(1)	"
91	"		C-210	✓			(1)	"
92	"		C-211	✓			(1)	"
93	"		C-212	✓			(1)	"
94	"		C-214	✓			(1)	"
95	"		C-215	✓			(1)	"
96	"		C-216	✓			(1)	"
97	"		C-217	✓			(1)	"
TOTAL:								

RELINQUISHED BY: (SIGN) 1 <u>Margaret J. Corrigan</u>	DATE <u>11/9/92</u>	TIME <u>1:23P</u>	RECEIVED BY (SIGN) 2 <u>Cassie Najdek</u>
RELINQUISHED BY: (SIGN) 2 _____	DATE	TIME	RECEIVED BY (SIGN) 3 _____

I HEREBY CERTIFY THAT I AM QUALIFIED TO OBTAIN SAMPLES AND THAT THIS SAMPLE WAS TAKEN ACCORDING TO THE SAMPLING REQUIREMENTS SET FORTH IN 40 CFR 261 (SW - 846) (SIGN): \_\_\_\_\_



# Upstate Laboratories inc.

Shipping: 6034 Corporate Drive • East Syracuse, New York 13057 • (315) 437-0255

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Eastern Region (518) 459-3134

N. Jersey Region (201) 703-1324

RECEIVED

DEC 11 1992

December 10, 1992

H&A OF NEW YORK

Mr. John Menchella  
Roth Bros. Smelting Corp.  
6223 Thompson Rd.  
E. Syracuse, NY 13057

Re: Analysis Report #112392042 - Roth Bros Smelting Corp  
(Supplemental)

Dear Mr. Menchella:

Please find enclosed the additional results for your samples which were received on November 9, 1992. This additional analysis was requested on December 3, 1992.

We have included the Chain of Custody Record as part of your report. You may need to reference this form for a more detailed explanation of your sample.

Should you have any questions, please feel free to give us a call.

Thank you for your patronage.

Sincerely,

UPSTATE LABORATORIES, INC.

*Anthony J. Scala*

Anthony J. Scala  
Director

AJS/lw

Enclosure: report (invoice to follow)

cc/enc: N. Scala, ULI  
file

✓ E. Henderson, H&A of New York (copy report)

Note: Verbal results were given to your office and E. Henderson, H&A of New York on 12/8/92. AJS

Disclaimer: The test results and procedures utilized, and laboratory interpretations of data obtained by ULI as contained in this report are believed by ULI to be accurate and reliable for sample(s) tested. In accepting this report, the customer agrees that the full extent of any and all liability for actual and consequential damages of ULI for the services performed shall be equal to the fee charged to the customer for the services as liquidated damages.

DATE: 12/10/92

Upstate Laboratories, Inc.

Analysis Results

Report Number: 112392042-SUPPLEMENTAL

Client I.D.: ROTH BROS. SMELTING CORP.

Sampled by: H & A OF NEW YORK

APPROVAL: *ays*

QC *TH*

Lab I.D.: 10170

ROTH BROS SMELTING

CORP C-204 11/9/92 G

ULI I.D.: 31492086

Matrix: Solid

PARAMETERS

RESULTS

KEY

Total Lead

20mg/kg

All results are on an as rec.d basis unless otherwise stated.

DATE: 12/10/92

Upstate Laboratories, Inc.

Analysis Results

Report Number: 112392042-SUPPLEMENTAL

Client I.D.: ROTH BROS. SMELTING CORP.

Sampled by: H & A OF NEW YORK

APPROVAL: *ajs*

QC: *JH*

Lab I.D.: 10170

ROTH BROS SMELTING

CORP C-212 11/9/92 G

ULI I.D.: 31492093

Matrix: Solid

PARAMETERS

RESULTS

KEY

Total Lead

230mg/kg

All results are on an as rec.d basis unless otherwise stated.

DATE: 12/10/92

Upstate Laboratories, Inc.

Analysis Results

Report Number: 112392042-SUPPLEMENTAL

Client I.D.: ROTH BROS. SMELTING CORP.

Sampled by: H & A OF NEW YORK

APPROVAL: *ajs*

QC: *JA*

Lab I.D.: 10170

ROTH BROS SMELTING

CORP C-217 11/9/92 G

ULI I.D.: 31492097

Matrix: Solid

PARAMETERS

RESULTS

KEY

Total Lead

290mg/kg

All results are on an as rec.d basis unless otherwise stated.



# ROTH BROS. SMELTING CORP. CHAIN OF CUSTODY RECORD

01442000 Page 1 of 2

11/20 per  
fern

SAMPLE LOG No.	PROJECT NAME & DESCRIPTION
	Both Bros. Smelting Corp.
SAMPLERS NAME: Margaret J. Corrigan	DATE SAMPLED: 11/9/92

SAMPLE No.	DATE	TIME	SAMPLE LOCATION	GRAB	COMP.	SAMPLE TYPE	No. OF CONTAINERS	REMARKS
83	11/9/92		C-201	✓			①	TCLP Lead
84	11/9/92		C-202	✓			①	"
85	11/9/92		C-203	✓			①	"
86	11/9/92		C-204	✓			①	" (T-PD)
87	11/9/92		C-206	✓			①	"
88	11/9/92		C-207	✓			①	"
89	"		C-208	✓			①	"
90	"		C-209	✓			①	"
91	"		C-210	✓			①	"
92	"		C-211	✓			①	"
93	"		C-212	✓			①	" (T-PD)
94	"		C-214	✓			①	"
95	"		C-215	✓			①	"
96	"		C-216	✓			①	"
97	"		C-217	✓			①	" (T-PD)
TOTAL:								

RELINQUISHED BY: (SIGN)	DATE	TIME	RECEIVED BY (SIGN)
1 Margaret J. Corrigan		11/9/92	2 Cassie Najdek 1:23P.
RELINQUISHED BY: (SIGN)	DATE	TIME	RECEIVED BY (SIGN)
2			3

I HEREBY CERTIFY THAT I AM QUALIFIED TO OBTAIN SAMPLES AND THAT THIS SAMPLE WAS TAKEN ACCORDING TO THE SAMPLING REQUIREMENTS SET FORTH IN 40 CFR 261 (SW - 846) (SIGN):

P/Greg 12/3 Add T-metals to 86, 93, 97 (2).





# ROTH BROS. SMELTING CORP. 340083-100

## CHAIN OF CUSTODY RECORD

SAMPLE LOG No. _____			PROJECT NAME & DESCRIPTION <u>Roth Bros. Smelting Corp.</u>					
SAMPLERS NAME: <u>Margaret J. Cange</u>			DATE SAMPLED: <u>11/9/92</u>					
SAMPLE No.	DATE	TIME	SAMPLE LOCATION	GRAB	COMP.	SAMPLE TYPE	No. OF CONTAINERS	REMARKS
98	"		C-219	✓			①	"
99	"		C-220	✓			①	"
100	"		C-221	✓			①	"
<div style="border: 1px solid black; border-radius: 50%; padding: 20px; width: fit-content; margin: 0 auto;"> Turnaround Time 7 Days </div>								
TOTAL:							18	
RELINQUISHED BY: (SIGN)			DATE	TIME	RECEIVED BY (SIGN)			
1 <u>Margaret J. Cange</u>			11/9/92	1:23	2 <u>Cassie Naydek</u>			
RELINQUISHED BY: (SIGN)			DATE	TIME	RECEIVED BY (SIGN)			
2 _____					3 _____			

I HEREBY CERTIFY THAT I AM QUALIFIED TO OBTAIN SAMPLES AND THAT THIS SAMPLE WAS TAKEN ACCORDING TO THE SAMPLING REQUIREMENTS SET FORTH IN 40 CFR 261 (SW - 846) (SIGN): Margaret J. Cange

**Appendix B**

**Appendix B**

APPENDIX B  
Daily Field Reports



## DAILY FIELD REPORT

---

PROJECT:	Closure Activities Roth Bros. Smelting Corp.	DATE:	9 Nov. 1992
		PAGE:	1 of 1
		FILE:	70185-45
CLIENT:	Roth Bros. Smelting Corp.		
CONTRACTOR:	Gibb Webb Construction		
WEATHER:	Sunny, 43°		

---

0745: Margaret J. Corrigan (H&A of New York) on site.

0745-0815: MJC discussed sampling activities with J. Menchella (Roth Bros.)

0815-1015: Gibb Webb Construction cut five 16 in. x 16 in. squares through asphalt using a diamond blade circular saw.

1015-1115: Under the observation of MJC, Gibb Webb Construction removed layers of asphalt using diamond blade circular saw.

1115-1200: MJC obtained soil samples from 3 locations beneath asphalt.

1200-1245: MJC obtained measurements of asphalt and soil thicknesses, and sampling depths and locations.

1245-1315: MJC checked sample numbers and completed chain-of-custody.

1315: MJC off site.

1315-1330: MJC delivered samples to Upstate Laboratories in East Syracuse, New York.

FIELD REPRESENTATIVE

M. Corrigan

TIME ON SITE

0745-1330

OTHER0600-0745-travel  
1330-1525-travelDISTRIBUTION

*Elizabeth Henderson*  
H&A New York

## DAILY FIELD REPORT

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PROJECT:	Closure Activities Roth Bros. Smelting Corp.	DATE:	30 Nov. 1992
		PAGE:	1 of 1
		FILE:	70185-45
CLIENT:	Roth Bros. Smelting Corp.		
CONTRACTOR:	Gibb Webb Construction		
WEATHER:	Cloudy, 30°		

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- Margaret J. Corrigan (H&A of New York) on site at 0900.
- Gibb Webb Construction already on site and set up to begin excavation of asphalt from west end of Lead Storage area.

0900-1140: Gibb Webb Construction used jackhammer to break up asphalt and small loader to remove asphalt.

1140: Went to lunch. Gibb Webb Construction waited for Roth Bros. to move lime feeder at west end of storage area.

1230-1300: Continued asphalt removal.

1300: Lime feeder was removed to allow asphalt removal at west end of storage area.

1530: Finished asphalt removal. Gibb Webb Construction will tamp down area, and lay wire mesh on 1 December 1992.

1600: MJC off site.

FIELD REPRESENTATIVE  
M. Corrigan

TIME ON SITE  
0900-1600

OTHER  
0730-0900 Travel

DISTRIBUTION

*Elizabeth Henderson*  
H&A New York

